

Title (en)

Device for decelerating printed products in the folder of a rotary printing machine.

Title (de)

Vorrichtung zum Verlangsamen von Druckexemplaren im Falzer einer Rotationsdruckmaschine.

Title (fr)

Dispositif pour ralentir les exemplaires dans un pli d'équerre de plieuse utilisée en relation avec les presses rotatives.

Publication

EP 0130868 A1 19850109 (FR)

Application

EP 84401146 A 19840605

Priority

FR 8309350 A 19830606

Abstract (en)

[origin: US4549728A] A device for slowing down signatures to be folded in a chopper folder is disclosed comprising a table formed with a slot therein parallel to the direction of movement of the signatures, a headstop perpendicular to such direction, two fold rollers disposed below the slot, and a blade cooperating with the fold rollers for folding the signatures centered with respect to said slot, and further comprising a device for applying vacuum or under pressure acting upon each signature to be folded to slow it down progressively as it approaches the headstop, the slowing down force being applied to prevent bouncing of the signature off said headstop, on the one hand, and on the other hand, to produce tension in the signature until the vacuum is suddenly brought to atmosphere, the vacuum device comprising at least one series of holes disposed in accordance with the direction of movement of the signature to be folded in order to be obturated thereby one after the other until obturation of all the holes in the series of holes, which corresponds to maximum vacuum and thus maximum slow down of the signature, the vacuum device comprising a box secured under the table with the series of holes being formed in the table.

Abstract (fr)

L'invention se rapporte à un dispositif pour ralentir les exemplaires dans un pli d'équerre de plieuse d'un type connu. Conformément à l'invention, des moyens de production de vide (21-22) présentent chacun au moins une série de trous (23) disposés suivant la direction d'avancement de l'exemplaire pour être obturés par lui les uns après les autres jusqu'à l'obturation de tous les trous de la série de trous, ce qui correspond à une dépression maximale et donc à un ralentissement maximal de l'exemplaire. L'invention s'applique au dernier étage des plieuses utilisées en relation avec les presses rotatives.

IPC 1-7

B65H 45/18; **B65H 29/68**

IPC 8 full level

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CPC (source: EP US)

B65H 29/68 (2013.01 - EP US); **B65H 29/686** (2013.01 - EP US); **B65H 45/18** (2013.01 - EP US)

Citation (search report)

- [Y] DE 976121 C 19630307 - MASCHF AUGSBURG NUERNBERG AG
- [Y] FR 2380971 A1 19780915 - SIEMENS AG [DE]

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FR2688771A1

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DOCDB simple family (publication)

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DOCDB simple family (application)

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